

## AMENDMENT

### IN THE CLAIMS:

Please amend the claims as follows:

1. (amended) A method for solvent extraction of analytes from a sample, said method comprising,

A1 dynamically contacting an analyte containing sample in an extraction cell with a preheated organic solvent system as extraction fluid under elevated temperatures and regulated pressures within a specified range or at a specified value to non-selectively extract said analytes from said sample, said organic solvent system being in liquid form under the conditions of temperature and pressure during extraction.

A2 2. (amended) The method of claim 1 wherein said solvent system comprises more than one organic solvent.

22. (amended) An apparatus for dynamic extraction of analytes from a sample with a heated solvent comprising  
an extraction cell capable of containing said sample and containing a solvent line input connector and a solvent line output connector for solvent lines,  
a heating assembly capable of heating said extraction cell and the solvent line in contact with said input connector,  
a pump linked to said extraction cell via said input connector and capable of delivering solvent to said cell, and  
A3 a backpressure regulator linked to said cell via said output connector and capable of regulating pressure to be 10-20 bar in said cell.

A4 27. (amended) The apparatus of claim 22 wherein said backpressure regulator limits pressure in said extraction cell to be 20 bar.